

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049285.D
 Acq On : 18 Jun 2022 16:48
 Operator : SY/MD
 Sample : N3313-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YB7N1

Quant Time: Jun 20 00:13:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

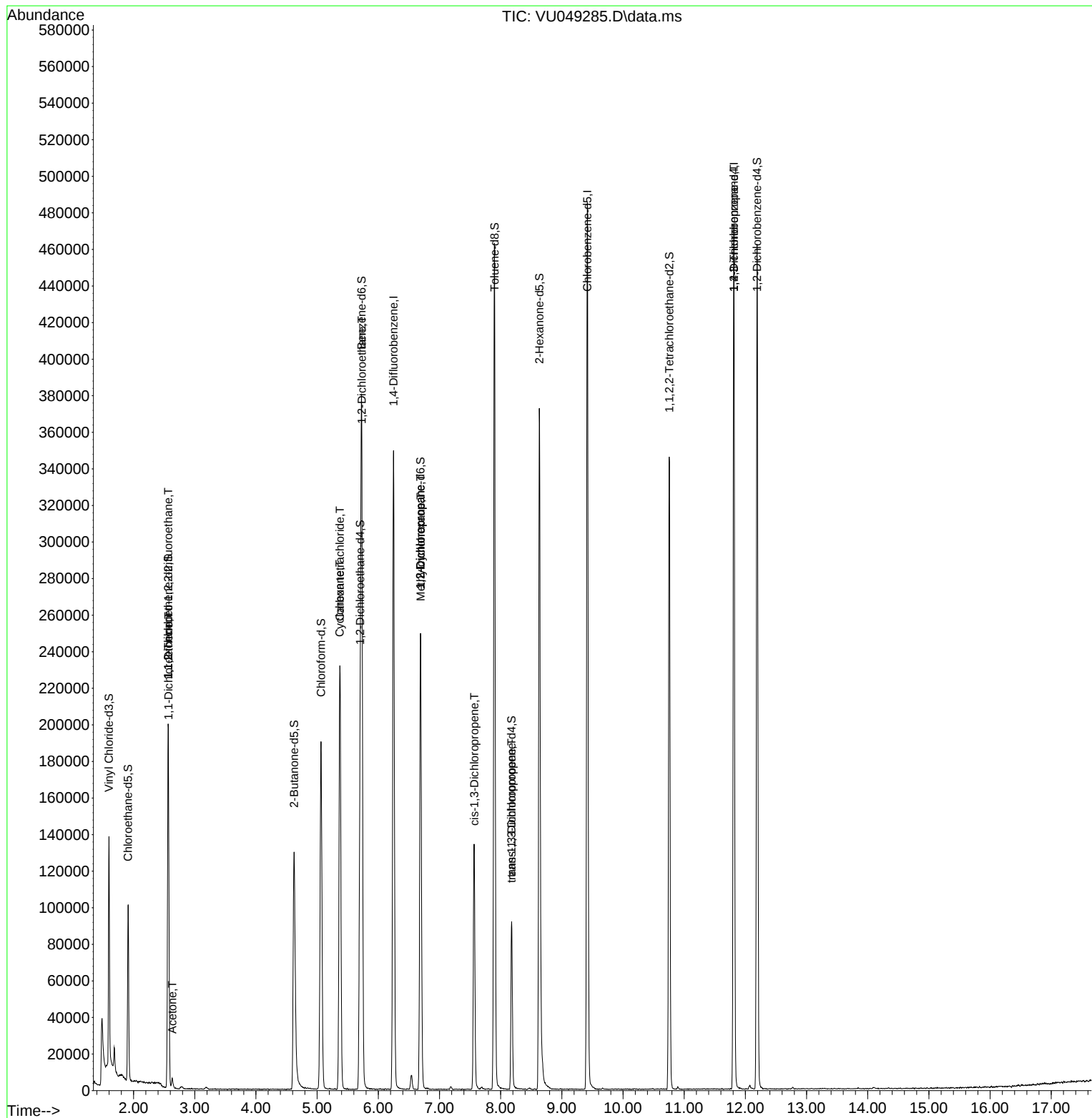
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	274733	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119557	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87001	51.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.800%			
7) Chloroethane-d5	1.909	69	68601	55.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.400%			
11) 1,1-Dichloroethene-d2	2.565	63	121621	38.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.160%			
21) 2-Butanone-d5	4.623	46	200791	108.207	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.210%			
24) Chloroform-d	5.063	84	173262	47.988	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.980%			
26) 1,2-Dichloroethane-d4	5.703	65	113851	48.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.340%			
32) Benzene-d6	5.726	84	336539	52.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.320%			
36) 1,2-Dichloropropane-d6	6.690	67	120732	56.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.380%			
41) Toluene-d8	7.899	98	305231	54.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.300%			
43) trans-1,3-Dichloroprop...	8.179	79	51521	50.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.940%			
47) 2-Hexanone-d5	8.632	63	126630	112.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.610%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	176940	49.307	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.620%			
66) 1,2-Dichlorobenzene-d4	12.192	152	114713	55.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.280%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	980	0.506	ug/L #	19
12) 1,1-Dichloroethene	2.571	96	1033	0.610	ug/L #	1
13) Acetone	2.633	43	6178	4.231	ug/L	98
27) 1,2-Dichloroethane	5.732	62	2272	0.667	ug/L #	76
29) Cyclohexane	5.369	56	3493	1.211	ug/L #	1
31) Carbon tetrachloride	5.372	117	16248	5.169	ug/L #	7
35) Methylcyclohexane	6.694	83	26675	9.079	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12579	5.342	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3514	1.014	ug/L #	77
44) trans-1,3-Dichloropropene	8.176	75	2299	0.670	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	15768	5.200	ug/L #	68

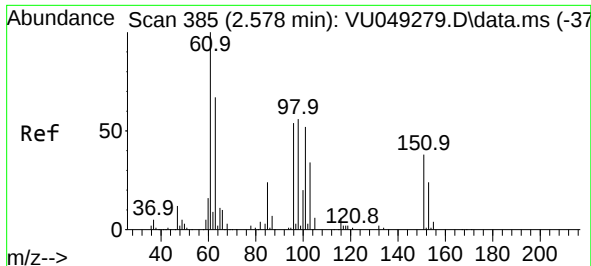
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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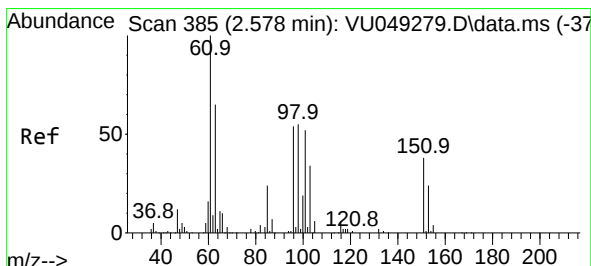
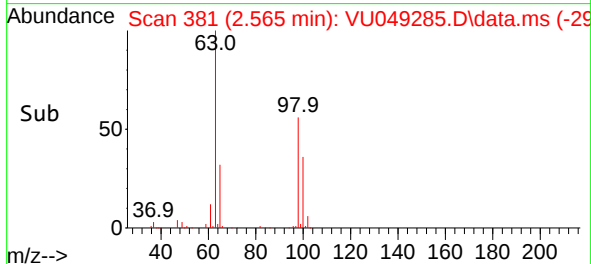
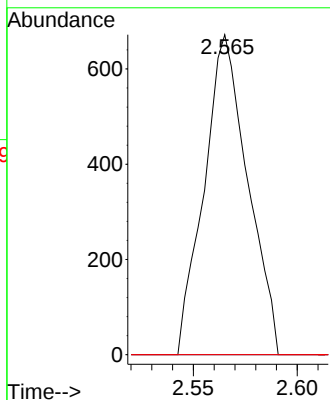
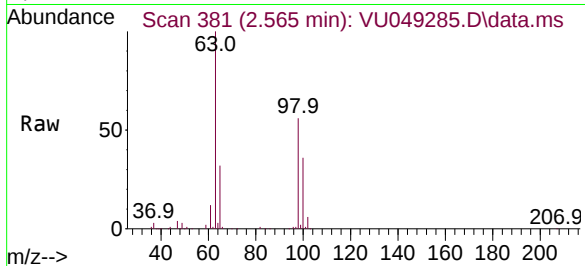




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.506 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049285.D
Acq: 18 Jun 2022 16:48

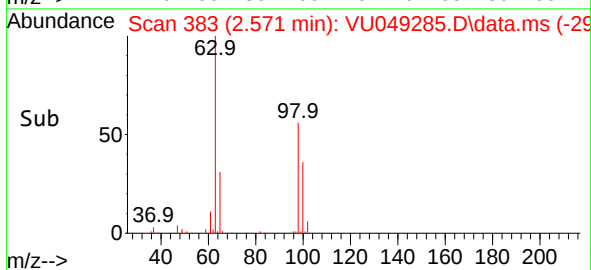
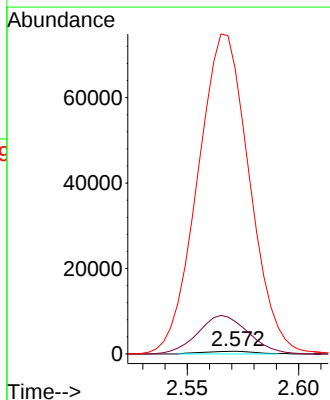
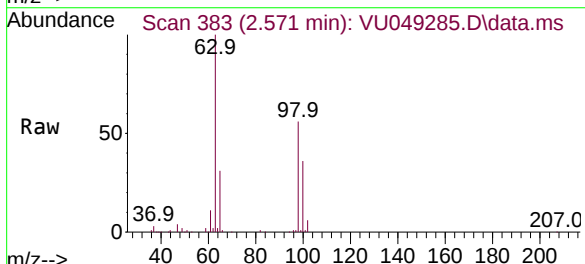
Instrument :
MSVOA_U
ClientSampleId :
YB7N1

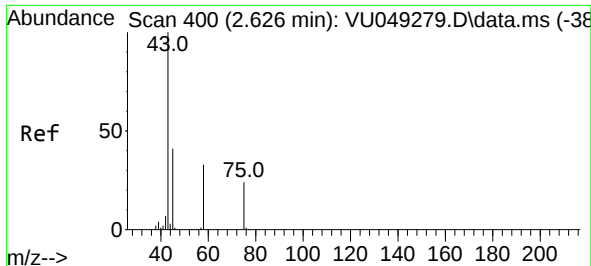
Tgt Ion:101 Resp: 980
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.610 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU049285.D
Acq: 18 Jun 2022 16:48

Tgt Ion: 96 Resp: 1033
Ion Ratio Lower Upper
96 100
61 1181.7 123.5 229.3#
63 10356.6 86.0 159.8#





#13

Acetone

Concen: 4.231 ug/L

RT: 2.633 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU049285.D

Acq: 18 Jun 2022 16:48

Instrument :

MSVOA_U

ClientSampleId :

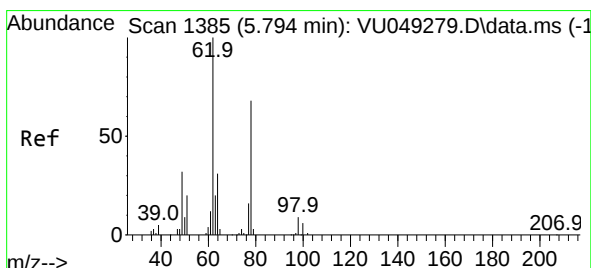
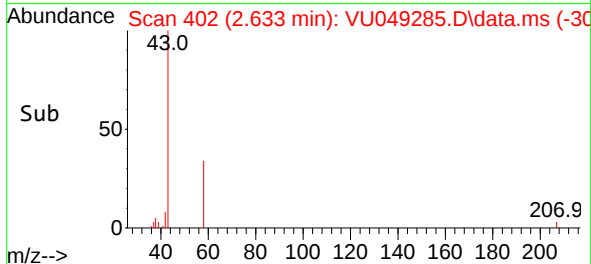
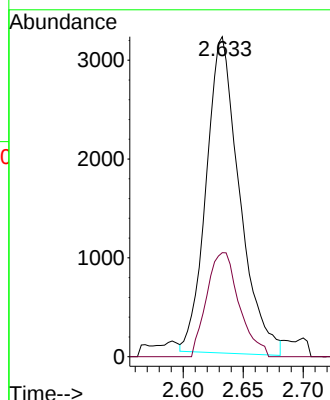
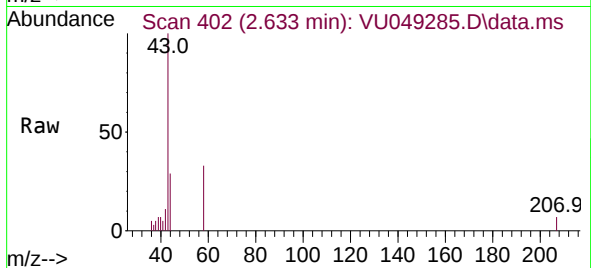
YB7N1

Tgt Ion: 43 Resp: 6178

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.4



#27

1,2-Dichloroethane

Concen: 0.667 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.061 min

Lab File: VU049285.D

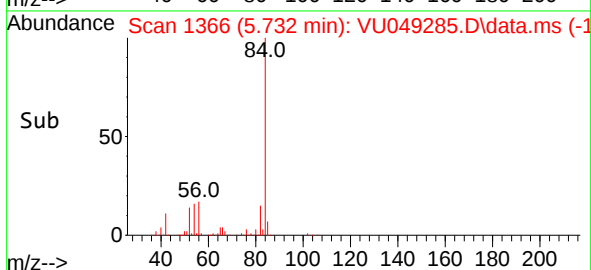
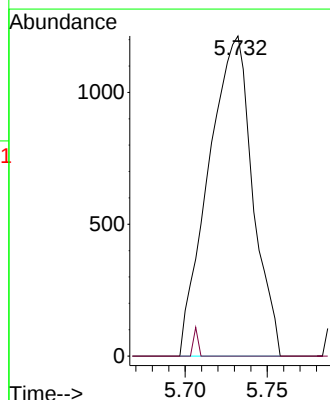
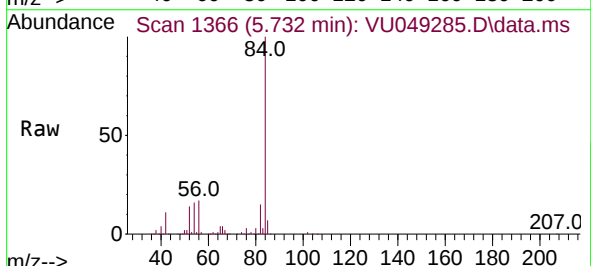
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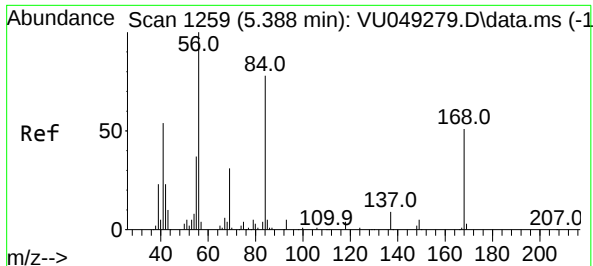
Tgt Ion: 62 Resp: 2272

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#





#29

Cyclohexane

Concen: 1.211 ug/L

RT: 5.369 min Scan# 11

Delta R.T. -0.020 min

Lab File: VU049285.D

Acq: 18 Jun 2022 16:48

Instrument :

MSVOA_U

ClientSampleId :

YB7N1

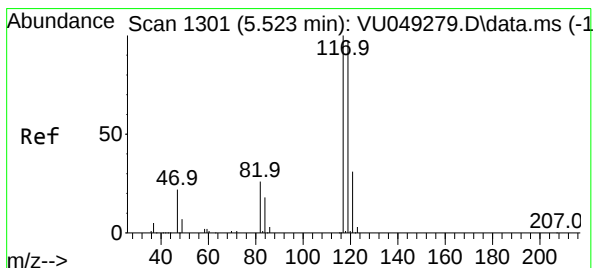
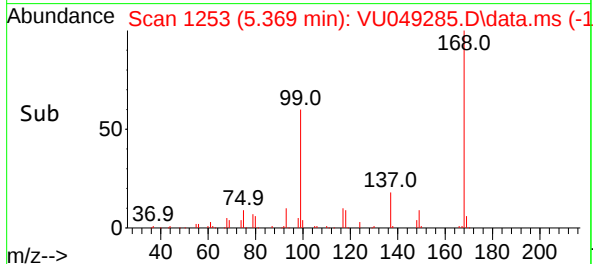
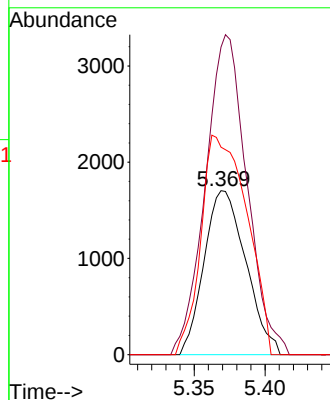
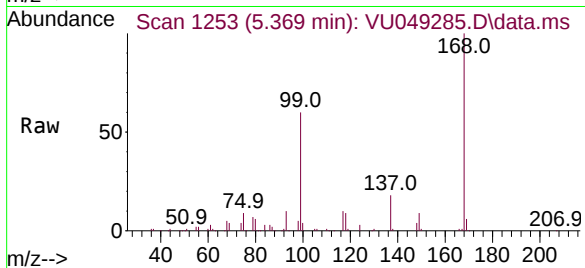
Tgt Ion: 56 Resp: 3493

Ion Ratio Lower Upper

56 100

69 193.6 24.6 36.8#

84 147.4 69.7 104.5#



#31

Carbon tetrachloride

Concen: 5.169 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.151 min

Lab File: VU049285.D

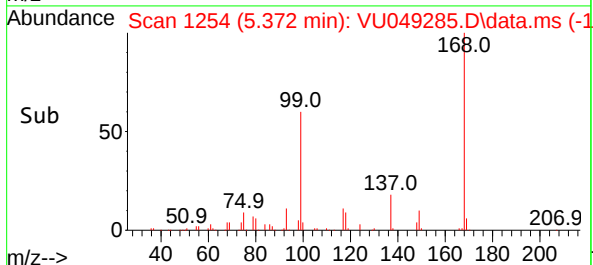
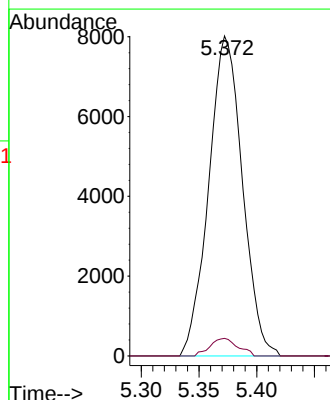
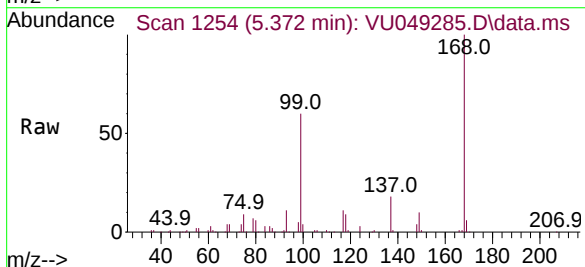
Acq: 18 Jun 2022 16:48

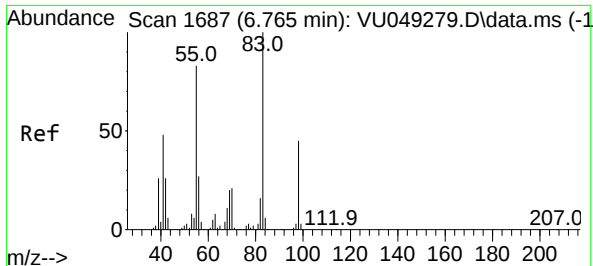
Tgt Ion: 117 Resp: 16248

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

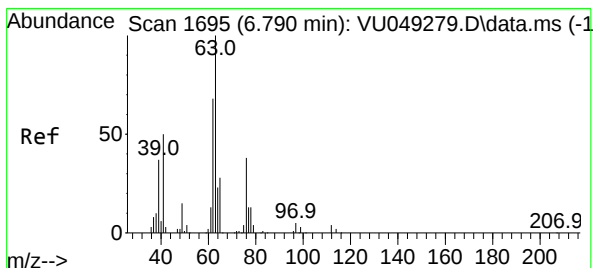
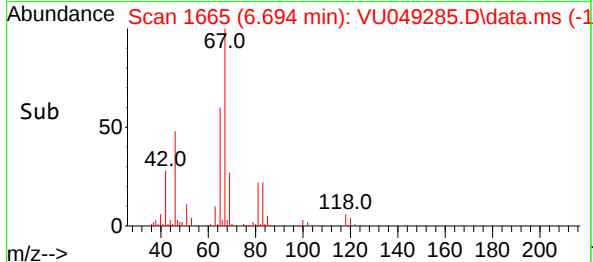
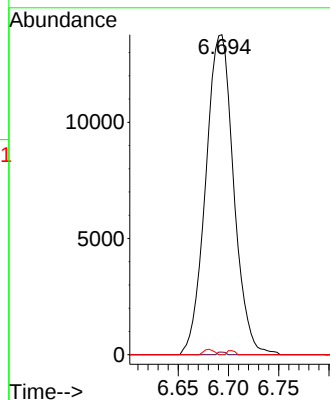
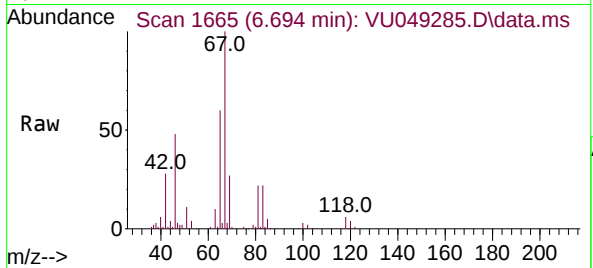




#35
Methylcyclohexane
Concen: 9.079 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049285.D
Acq: 18 Jun 2022 16:48

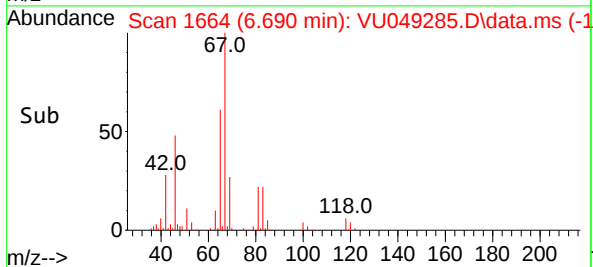
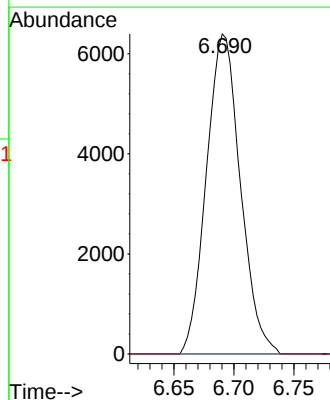
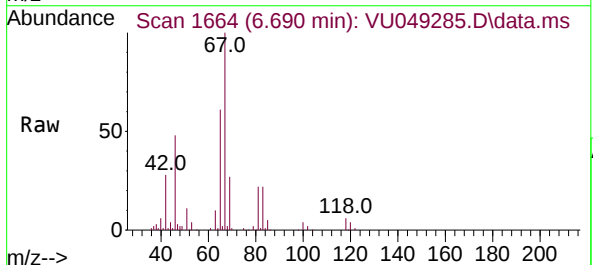
Instrument :
MSVOA_U
ClientSampleId :
YB7N1

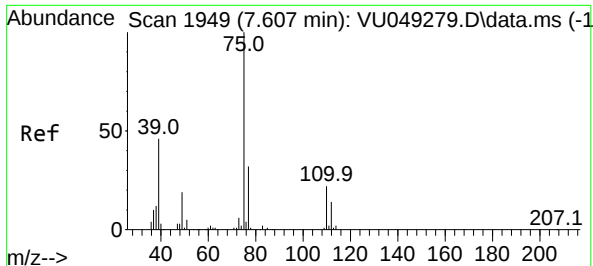
Tgt Ion: 83 Resp: 26675
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.6#
98 0.3 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.342 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049285.D
Acq: 18 Jun 2022 16:48

Tgt Ion: 63 Resp: 12579
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 1.014 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.036 min

Lab File: VU049285.D

Acq: 18 Jun 2022 16:48

Instrument :

MSVOA_U

ClientSampleId :

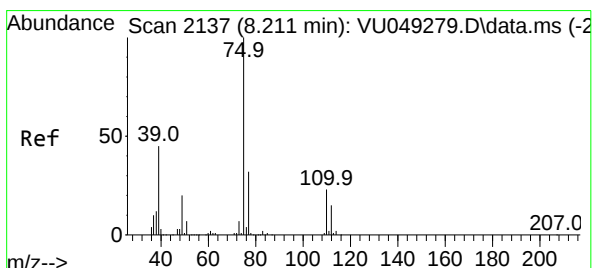
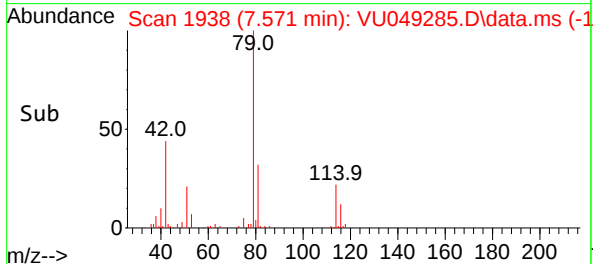
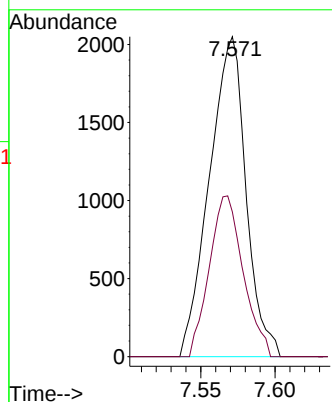
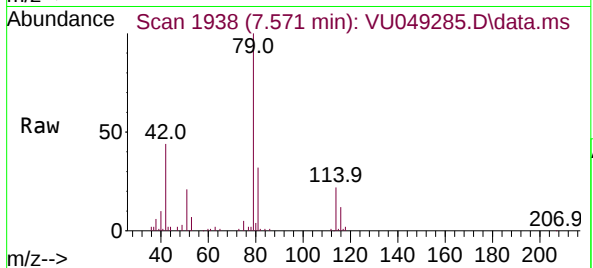
YB7N1

Tgt Ion: 75 Resp: 3514

Ion Ratio Lower Upper

75 100

77 45.2 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.036 min

Lab File: VU049285.D

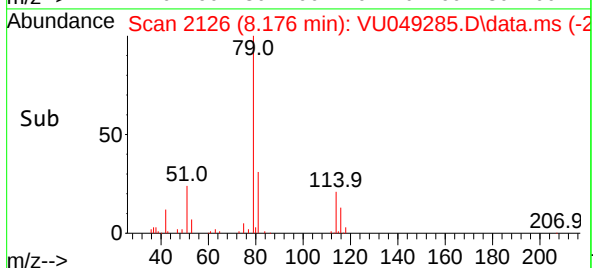
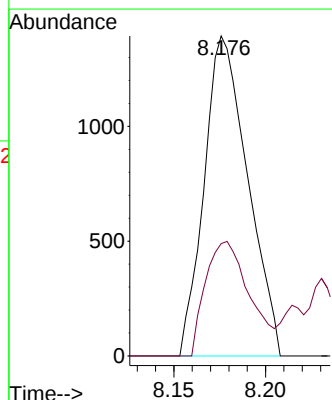
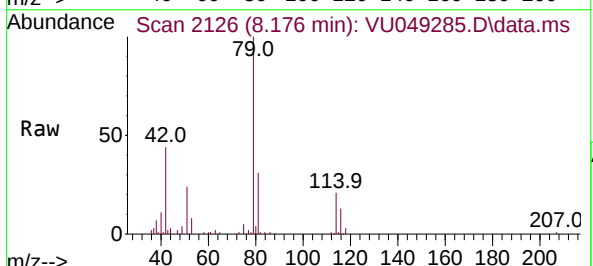
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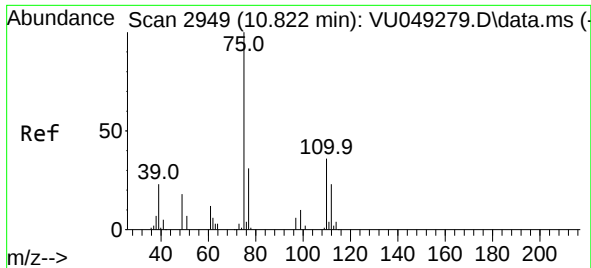
Tgt Ion: 75 Resp: 2299

Ion Ratio Lower Upper

75 100

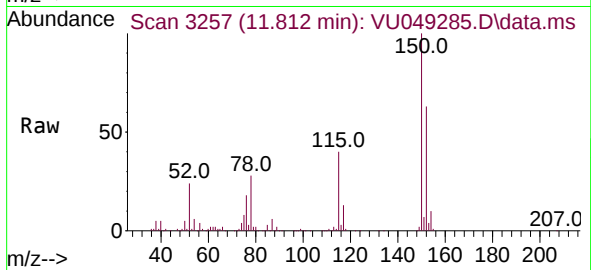
77 35.1 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 5.200 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049285.D
 Acq: 18 Jun 2022 16:48

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	75	Resp:	15768
Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	40.0
110	2.0	30.2	45.4#

